IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended)   A method of detecting a boundary of a content item in a digital video stream, the method comprising the steps of:

determining ~~(130)~~, in a processor, an average bit rate of ~~the~~ an incoming digital video stream over a period of time;

detecting locations of shot-cuts in the digital video stream;

adjusting the period of time in the determining step based on the detected shot-cut locations; and

detecting ~~(140)~~, in a detector ~~(420)~~, a change of the average bit rate, a location in the video stream of the change in the average bit rate being indicative of ~~indicating the~~ a boundary of the content item~~,~~

~~wherein said method further comprises the steps of:~~

~~detecting (125) shot-cuts in the content item,~~

~~adjusting (126) the period of time in the determining step based on the detected shot-cut.~~

2. (Currently Amended)   The method ~~of~~ as claimed in claim 1, wherein the content item is in a digital broadcast video stream.

3. (Cancelled).

4.   (Currently Amended)   The method ~~of~~ as claimed in claim 1,
wherein said determining step determines a moving average of the
bit rate ~~is determined~~.

5.   (Currently Amended)   The method ~~of~~ as claimed in claim 1,
wherein the content item is a commercial.

6.   (Currently Amended)   The method ~~of~~ as claimed in claim 1,
wherein the digital video stream is MPEG compressed.

7.   (Currently Amended)   The method ~~of~~ as claimed in claim 1,
wherein the content item is in an encrypted digital video stream,
and wherein the steps of the method are performed on the encrypted
digital video stream.

8.   (Currently Amended)   The method ~~of~~ as claimed in claim 1,
wherein said method further ~~comprising~~ comprises the steps of:
        obtaining broadcast schedule data indicating a beginning
and/or end of broadcasting at least one content item~~,~~; and
        verifying whether said broadcast schedule data are in
accordance with the detected boundary of a respective content item
in the video stream.

9.   (Currently Amended)   The method ~~of~~ as claimed in claim 1,
wherein said method further ~~comprising~~ acomprises the step ~~(150)~~
of:

determining a position of the detected boundary of the content item within a corresponding period of time.

10. (Currently Amended)   A device for detecting a boundary of a content item in a digital video stream, the device comprising:

means for detecting locations of shot-cuts in the digital video stream~~content item~~,;

means for adjusting a period of time based on the detected locations of shot-cuts;

means ~~(410)~~ for determining a moving average bit rate of the digital video stream over the period of time,; and

means ~~(420)~~ for detecting a change of the moving average bit rate ~~indicating,~~ a location of said detected change being indicative of the boundary of the content item.

11. (Currently Amended)   A receiver for receiving at least one content item in a digital broadcast video stream, said receiver comprising the device as claimed in claim 10.

12. (Currently Amended)   A video recorder for recording at least one TV program, comprising:

a receiver ~~(430)~~ for receiving at least one TV program in a digital video stream,;

the device as claimed in claim 10 in which the content item is the TV program,; and

means (440) for recording the TV program based on its detected boundary in the video stream.

13.   (Currently Amended)   A ~~computer~~ computer-readable medium having a computer program ~~product enabling~~recorded thereon for causing a programmable device when executing said computer program ~~product to function as the device as claimed in claim 10~~to carry out the method as claimed in claim 1.

14.   (Cancelled).

15.   (Cancelled).

16-21.   (Cancelled).